Electro-Voice®

MC300

Directional Dynamic Vocal Microphone

- Extended response at the frequency extremes for accurate, life-like sound quality
- Uniform cardioid pattern for low off-axis coloration and high resistance to feedback
- On/off switch positioned on the ergonomically designed handle allows convenient muting control
- Electro-Voice exclusive WarmGrip™ handle

SPECIFICATIONS
Frequency Response,
Close Response:
40-14,000 Hz
Far Response:
100-14,000 Hz
Polar Pattern:
Directional
Sensitivity at 1,000 Hz,
Open-Circuit Voltage:
2.15 mV/pascal
Power Level (0 dB = 1 mW/pascal):
–57 dB
Impedance:
600 ohms balanced (low-Z)
Switch:
On/off
Dimensions,
Length:
180.3 mm (7.10 in.)
Maximum Diameter:
50.8 mm (2.0 in.)
Net Weight:
303 g (10.7 oz)
Shipping Weight:
880 g (31 oz)
Accessories Included:
Stand clamp
Optional Accessories:
379 windscreens
PLC-25X cable
PLC-25P cable

DESCRIPTION
The Electro-Voice MC300 is a Single-D directional dynamic microphone, designed primarily for use by the vocal entertainer. However, the MC300 is equally at home when used as a sampling microphone or video recording microphone.

For vocal applications where the microphone is used close up, the MC300 exhibits bass boost (proximity effect) that vocalists appreciate. The high-frequency performance of the MC300 has been especially shaped for clean, clear, open sound that cuts through background noise. The low-frequency bass boost with high frequency response shaping creates a natural sounding microphone.

The directional polar characteristic offers resistance to feedback, which can occur when working close to sound reinforcement speakers and monitors. A built-in blast filter enables close talking or singing without worry of "P-popping" or other excessive breath and sibilant noise.

OPERATION
The MC300's low-frequency response varies with the distance from the sound source to the microphone. Maximum bass response is produced in close-up use with the microphone 1/4-inch from the source. Minimal bass response is experienced at distances greater than 24 inches. By working closer to the microphone, the human voice will sound more robust.

Working the microphone close will also further reduce the tendency for feedback in a PA sound system—over and above that provided by the MC300's directional polar characteristic. When close-talked, the substantial bass boost provides an increase in overall microphone output level. The mixer gain may be proportionately reduced, resulting in a reduction of the system's sensitivity to feedback caused by sound entering the microphone from the distant loudspeakers.

The MC300 is equipped with an on/off switch that shorts the microphone element when set to the off position, permitting the user to have local muting control.

The MC300's dynamic mic element ensures years of trouble-free operation, even when operated in extremes of humidity and temperature that would render typical condenser microphones useless.

UNIFORM LIMITED WARRANTY
Electro-Voice products are guaranteed against malfunction due to defects in materials or work-

FIGURE 1 — Frequency Response

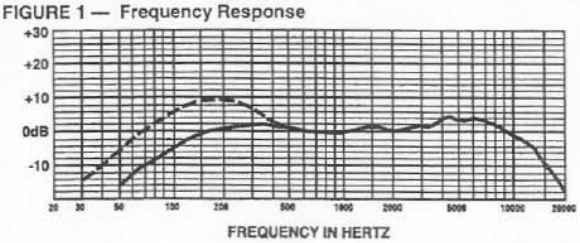
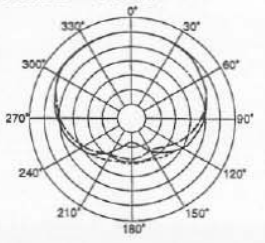


FIGURE 2 — Polars



manship for a specified period, as noted in the individual product-line statement(s) below, or in the individual product data sheet or owner's manual, beginning with the date of original purchase. If such malfunction occurs during the specified period, the product will be repaired or replaced (at our option) without charge. The product will be returned to the customer prepaid. **Exclusions and Limitations:** The Limited Warranty does not apply to: (a) exterior finish or appearance; (b) certain specific items described in the individual product-line statement(s) below, or in the individual product data sheet or owner's manual; (c) malfunction resulting from use or operation of the product other than as specified in the product data sheet or owner's manual; (d) malfunction resulting from misuse or abuse of the product; or (e) malfunction occurring at any time after repairs have been made to the product by anyone other than Electro-Voice or any of its authorized service representatives. **Obtaining Warranty Service:** To obtain warranty service, a customer must deliver the product, prepaid, to Electro-Voice or any of its authorized service representatives together with proof of purchase of the product in the form of a bill of sale or receipted invoice. A list of authorized service representatives is available from Electro-Voice at 600 Cecil Street, Buchanan, MI 49107 (616/695-6831 or 800/234-6831). **Incidental and Consequential Damages Excluded:** Product repair or replacement and return to the customer are the only remedies provided to the customer. Electro-Voice shall not be liable for any incidental or consequential damages including, without limitation, injury to persons or property or loss of use. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. **Other Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Electro-Voice Wired Microphones are guaranteed against malfunction from any cause for two (2) years from the date of original purchase. In addition, the Limited Warranty for the acoustic system contained in these microphones shall apply for the life of the product, defined as a period of ten (10) years from the date that the manufacture of the specific microphone has been discontinued. Any and all active electronics incorporated in these microphones are guaranteed against malfunction due to defects in materials or workmanship for a period of three (3) years from the date of original purchase. The Limited Warranty does not extend to cables, cable connectors, or switches. Additional details are included in the Uniform Limited Warranty statement.

Service and repair address for this product: Electro-Voice, Inc., 600 Cecil Street, Buchanan, Michigan 49107 (616/695-6831 or 800/234-6831).

Specifications subject to change without notice.

ELECTRO-VOICE a MARK IV company **600 Cecil Street, Buchanan, Michigan 49107**
MANUFACTURING PLANTS AT ■ BUCHANAN, MI ■ NEWPORT, TN ■ SEVIERVILLE, TN ■ OKLAHOMA CITY, OK ■ GANANOQUE, ONT.
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Part Number 532666 — 9512